

## Contents of *Livestock Production Science*, Volume 26

### **VOL. 26 NO. 1**

**SEPTEMBER 1990**

Model components for the determination of energy and protein requirements for breeding sows: a review C.T. Whittemore and C.A. Morgan (Edinburgh, Gt. Britain) .....	1
Effects of nutrition on degree of anaemia and liveweight changes in N'Dama cattle infected with trypanosomes K. Agyemang, R.H. Dwinger, B.N. Touray, P. Jeannin, D. Fofana and A.S. Grieve (Banjul, The Gambia) .....	39
Weight distribution within litters at the early foetal stage and at birth in relation to embryonic mortality in the pig T. van der Lende, W. Hazeleger and D. de Jager (Wageningen, The Netherlands) .....	53
<b>Book Review</b> Sheep research .....	67
<b>EAAP-NEWS</b> .....	69

### **VOL. 26 NO. 2**

**OCTOBER 1990**

Validation of livestock herd simulation models: a review J.T. Sørensen (Tjele, Denmark) .....	79
Nordic dairy cattle comparison for milk production by using a mixed linear model approach F. Jacques and G. Klemetsdal (Ås-NLH, Norway) .....	91
Effects of AI sires and technicians on non-return rates in the Netherlands A. Reurink (Wageningen, The Netherlands), J.H.G. Den Daas and J.B.M. Wilmink (Arnhem, The Netherlands) .....	107
Genetic and phenotypic parameters for carcass traits, meat and eating quality traits in pigs N.D. Cameron (Roslin, Gt. Britain) .....	119
A within-litter comparison of the three halothane genotypes 1. Piglet performance and effects of transportation and amperozide treatment at 12 weeks of age M. Rundgren, K. Lundström, I. Edfors-Lilja and R.K. Juneja (Uppsala, Sweden) .....	137

### **VOL. 26 NO. 3**

**NOVEMBER 1990**

Composition and nutritive value of peas for pigs: a review of European results F. Gatel (Vendôme, France) and F. Grosjean (Paris, France) .....	155
Estimation of genetic parameters for linear and miscellaneous type traits in Holstein-Friesian dairy cattle S. Brotherstone, C.M. McManus and W.G. Hill (Edinburgh, Gt. Britain) .....	177
Responses of dairy cows to treatment with sometribove (r-BST) during three consecutive years	

Y.S. Rijpkema, L. van Reeuwijk (Lelystad, The Netherlands) and D.L. Hard (Brussels, Belgium) .....	193
The relationship between ovulation rate and litter size before and after Day 35 of pregnancy in gilts and sows: an analysis of published data	
T. van der lende and G.J.W. Schoenmaker (Wageningen, The Netherlands) .....	217
A within-litter comparison of the three halothane genotypes 2. Performance, carcass quality, organ development and long-term effects of transportation and amperozide	
M. Rundgren, K. Lundström and I. Edfors-Lilja (Uppsala, Sweden) .....	231

**VOL. 26 NO. 4****DECEMBER 1990**

Models for adjusting for herd, year and season effects in dairy sire evaluation in small herds	
V.P.S. Chauhan, C. Hagger, F. Schmitz, N. Künzi and J. Crettenand (Zurich, Switzerland) .....	245
The effect of anabolic agents on growth rate and reproductive organs of pigs	
P.J. Sheridan, F.H. Austin, S. Bourke and J.F. Roche (Dublin, Ireland) .....	263
Estimation of breeding value of jumping horses from their ranks	
A. Tavernier (Jouy-en-Josas, France) .....	277
Estimated parameters of field performance testing of mares from the Dutch Warmblood riding horse population	
H.A. Huizinga, M. Boukamp (Wageningen, The Netherlands) and G. Smolders (Lelystad, The Netherlands) .....	291
<b>EAAP-NEWS</b> .....	301
<b>Author Index</b> .....	329

